

about 0.005 ml/m<sup>2</sup>/day, the liquid crystal display structure comprising:

a liquid crystal display cell having a front surface; and

an intrinsic polarizer having a first surface disposed adjacent to the front surface of the liquid crystal display cell and a second surface, the intrinsic polarizer lacking a protective coating thereon; and

a conductor disposed adjacent to the second surface of the intrinsic polarizer.

21. (Amended) A liquid crystal display structure providing a moisture vapor transmission rate of less than about 4.6 gm/m<sup>2</sup>/day and an oxygen transmission rate of less than about 0.005 ml/m<sup>2</sup>/day, the liquid crystal display structure comprising:

a liquid crystal display cell having a front surface and a back surface; and

a front K-type polarizer disposed adjacent to the front surface of the liquid crystal display cell, the front K-type polarizer lacking a protective coating thereon; and

a back K-type polarizer disposed adjacent to the back surface of the liquid crystal display cell, the back K-type polarizer lacking a protective coating thereon.

22. An optical system comprising:

a liquid crystal display structure providing a moisture vapor transmission rate of less than about 4.6 gm/m<sup>2</sup>/day and an oxygen transmission rate of less than about 0.005 ml/m<sup>2</sup>/day, the liquid crystal display structure comprising a liquid crystal display cell having a front surface and a back surface and a front intrinsic polarizer disposed adjacent to the front surface of the liquid crystal display cell, the front intrinsic polarizer lacking a protective coating thereon.

23. The optical system of claim 22 wherein the liquid crystal display structure further comprises a back intrinsic polarizer disposed adjacent to the back surface of the liquid crystal display cell, the back intrinsic polarizer lacking a protective coating thereon.